



(57)Abstract:

PURPOSE: To miniaturize the title capacitor to make it possible to lessen the mounting area of the capacitor, to mount the capacitors on a circuit board in a high density to make it possible to miniaturize an electronic equipment, to improve the responsibility of the capacitor to a filter and to remove a high-frequency noise.

CONSTITUTION: Dielectric sheets 10, on the respective surfaces of which each internal electrode 10a, which is extended to one outer periphery of a laminated material and is apart at an interval from the outer periphery on the opposite side to this outer periphery, is formed, dielectric sheets 20, on the respective surfaces of which each internal electrode 20a, which is extended to the outer periphery on the opposite side and is apart at an interval from the one outer periphery, is formed, and dielectric sheets 30, on the respective surfaces of which each internal electrode 30a, which is extended to the mutually opposed two outer peripheries, to which both electrodes 10a and 20a are not extended, and is apart at intervals from the mutually opposed two outer peripheries to which both electrodes 10a and 20a are extended, is formed, are alternately stacked to form the laminated material. Moreover, one pair of external electrodes 41 and 42, which are connected to both of the electrodes 10a and 20a, are formed on both side surfaces of the laminated material and external electrodes 43, which are connected to the electrodes 30a, are formed on another both side surfaces of the laminated material. Thereby, three pieces of capacitors are built in the title capacitor and three terminals are integrally formed.

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(54) CHIP TYPE LC FILTER